



## 2005 GLEN CANYON NATIONAL RECREATION AREA PROFILE

### AUTHORIZATION

Glen Canyon National Recreation Area was established to "...provide for public outdoor recreation use and enjoyment of Lake Powell and lands adjacent thereto in the States of Arizona and Utah and to preserve the scenic, scientific, and historic features contributing to public enjoyment of the area..." (Public Law [P.L.] 92-593, October 27, 1972, 86 Stat. 1311).

### RESOURCES

**SIZE:** 1.25 million acres (505,868 hectares)  
lies within the two states of Arizona and Utah

**LAKE POWELL:** 13% of NRA  
2<sup>nd</sup> largest man-made lake in North America  
At full pool – 3700'  
186 miles long (299 kilometers)  
1960 miles (3,161 kilometers) of shoreline  
90+ side canyons  
Capacity of 27 million acre feet (32 million cubic meters)  
Maximum depth (at Glen Canyon Dam): 561 feet (171 meters)

**RED ROCK LANDSCAPE:** 87% of NRA  
Escalante River and Canyon  
Orange Cliffs  
Hole-In-The-Rock Road  
natural arches and bridges, hoodoos, and slot canyons  
largest rangeland grazing operation in the national park system  
(762,361 acres or 308,523 hectares)

**COLORADO RIVER:** 13 miles (21 kilometers) from Glen Canyon Dam to Lees Ferry  
(below Glen Canyon Dam) average temperature: 46 F (7 C)  
trophy rainbow trout fishery  
34,849 river tour passengers (Oct. – Sept. 2002)

**GEOLOGY:** Glen Canyon NRA is part of the Colorado Plateau which extends across portions of Arizona, Utah, Colorado, and New Mexico. Different environments over a period of 500 million years laid down layer upon layer of sedimentary materials, primarily sandstones and shales (mudstones). Approximately 10 million years ago this region was uplifted, thus forming the Colorado Plateau. The carving of the Colorado River and its tributaries through the plateau's layers has created Glen Canyon.

**FLORA AND FAUNA (Catalogued species):** 800 Plants  
311 Birds  
64 Mammals  
27 Fish  
28 Reptiles  
7 Amphibians

Exotic species: Several plant species including Russian thistle (*Salsola iberica*) and Tamarisk (*Tamarix* spp.).

Endangered or threatened species: Three plant species – Brady’s footcactus (*Pediocactus bradyi*), Jones cycladenia (*Cycladenia jonesii*) and Navajo sedge (*Carex specuicola*); two bird species – Mexican spotted owl (*Strix occidentalis*) and Southwestern willow flycatcher (*Empidonax traillii*); and four fish species – Razorback sucker (*Xyrauchen texanus*), Colorado pikeminnow (*Ptychocheilus lucius*), Humpback chub (*Gila cypha*), and Bonytail chub (*Gila elegans*).

ARCHEOLOGY: Over 2,300 archeological resources have been recorded with an intensive survey of only 2% of the recreation area. The oldest human artifacts found are nearly 10,000 years old. There are four National Register listed properties within Glen Canyon NRA. These are Lonely Dell Ranch National Historic District at Lees Ferry, Defiance House Ruin, Hole-In-The-Rock, and the Davis Pictograph Panel.

HISTORICAL STRUCTURES: Lees Ferry Historic District – 11 structures

CLIMATE: Mean Temperatures:

January:	High 42 F (6 C)	Low 24 F (-4 C)
July:	High 97 F (36 C)	Low 69 F (21 C)

Lake Surface Temperature:

January:	46 F (8 C)
July:	78 F (26 C)

Annual Average Precipitation: 6 inches (16 cm)

VISITOR SERVICES

VISITATION:	2004 Visitation	1.86 million
	Percentage decrease from 2003	-1.85%
	Overnight stays	over 1.2 million annually – the 3rd largest in the National Park System

VISITOR SERVICES: Educational exhibits, ranger programs and hikes, publication sales, hiking and backpacking, camping, picnicking, guided boat tours, river trips, fishing, law enforcement and emergency medical services including ambulance service.

VISITOR FACILITIES: Visitor center and contact stations, historic structures, scenic overlooks, overnight lodging, trailer sites, tent campsites, restaurants and cocktail lounges, general stores and gift shops, service stations, marinas and boat rentals, medical clinic.

RESOURCE AND VISITOR PROTECTION: Law Enforcement Activities – 2004

Part I Offenses Investigated	45
Part II Offenses Reported	2,584

Proprietary jurisdiction  
Deputization agreements with 5 counties (AZ & UT)  
AZ Dept. of Game & Fish, Coconino (AZ) County  
Sheriff & Utah State Parks have officers on Lake  
Powell

Emergency Medical Services – 2004

Emergency Medical Responses	339
Deaths (trauma related)	2

Search and Rescue – 2004

Incidents	101
-----------	-----

FACILITIES

DEVELOPMENT:

Roads and Trails

250 miles of primary and secondary roads

12 miles of maintained trails

Parking lots with thousands of spaces

1 bridge (Lees Ferry)

Launch ramps: 7 public launch ramps – excluding Hite

1 government launch ramp

1 concessioner launch ramp

2 ferry ramps

and 2 river take-outs

Fleet

42 NPS boats and 5 barges

50+ pieces of motorized and heavy equipment

70+ vehicles, includes GSA rental and Interior owned vehicles

2 equipment/boat repair facilities

Buildings

137 buildings (visitor centers, contact stations, rangers stations, maintenance shops, warehouse, comfort stations, etc)

11 historic structures (Lees Ferry)

82 NPS housing units

1 airplane/hangar/radio shop

3 picnic areas with 148 tables

4 developed campgrounds with 755 sites

### Utilities

2 water treatment plants (Hite and Lees Ferry)  
6 major water systems and 8 storage tanks  
9 water wells, 1 river intake, 1 lake intake  
1 area with leach field systems  
35+ sewage lift stations  
6 boat floating sewage pumpouts  
8 remote floating pumpout/restrooms  
20 vault toilets and 18 micro flush moveable restrooms  
5 porta potty dump stations – fixed  
1 moveable porta potty dump station  
2 primary on-site electrical generation systems  
4 electrical distribution systems  
Solid waste collection and disposal for 3 developed areas

### Floating Structures & Navigational Aids

4,800 feet of floating walkways, docks, and boat slips  
360+ navigational aids

## BUSINESS MANAGEMENT

CONTRACTS: ARAMARK – 3 contracts  
Antelope Point Holdings, LLC

PERMITS: Good Samaritan – Bullfrog Clinic

INCIDENTAL BUSINESS PERMITS: 127

## ADMINISTRATION

FY 2004 ONPS	\$9,056,900 (Operation of the National Park System)
FY 2004 Project Funds	2,807,116
Construction Set-Aside Projects	2,291,295
Capital Improvement Projects	3,826,537
Equipment Replacement	449,500
80% Recreation Fee Demo Projects	1,073,657
FY 2003 total of all funding sources	<b>\$19,505.005</b>

NATIONAL PARK SERVICE STAFFING (2004): 180 FTE

## NEIGHBORS AND COOPERATORS

National Park Service:   Grand Canyon NP  
                                  Canyonlands NP  
                                  Navajo NM  
                                  Capitol Reef NP  
                                  Zion NP  
                                  Bryce NP

Bureau of Land Management:   Vermilion Cliffs National Monument  
  Grand Staircase – Escalante National Monument  
  Arizona Strip National Monument

Bureau of Reclamation:   Glen Canyon Dam

Utah Division of Wildlife Resources

Utah State Parks

Arizona Department of Game and Fish

Counties:           Arizona: Coconino  
                          Utah: San Juan, Garfield, Kane, Wayne

Navajo Nation

Other affiliated American Indian tribes/groups:   Hopi  
  Kaibab Paiute  
  San Juan Southern Paiute  
  White Mesa Ute Council of the Ute Mountain Ute  
  Havasupai  
  Hualapai  
  Kanosh and Koosharem Bands of the Paiute Indian  
  Tribe of Utah

City of Page (AZ)

Congressional Representatives:   Arizona: Senator John McCain  
  Senator Jon Kyl  
  1<sup>st</sup> District Representative Rick Renzi  
  
  Utah:   Senator Robert Bennett  
  Senator Orrin Hatch  
  2<sup>nd</sup> District Representative Jim Matheson

## PROGRAM CONTACTS

Kitty Roberts, Superintendent - 928-608-6205

Nancie Ames, Deputy Superintendent - 928-608-6205